

## DESCRIPTION OF SAMPLES FROM THE LINTON FORMATION, PARKE COUNTY, IND. (SET NO. 3)

[Samples supplied by Rainer Zangerl from the Chicago Natural History Museum specimens of Mecca Quarry Shale Member (Zangerl and Richardson, 1963) of Linton Formation collected at Mecca Quarry, a small excavation in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29, T. 15 N., R. 8 W., about 500 feet north-northeast of U.S. Highway 41 between Lyford and Rockville, about 1 mile southeast of Mecca.]

Sample No.	Stratigraphic designation <sup>1/</sup>	Thickness (mm) <sup>2/</sup>
D112670	A1.1	} 25
71	A1.2	
72	A1.3	
73	A1.4	
74	A2.1	} 20
75	A2.2	
76	A2.3	
77	A2.4	
78	A3.1	} 23
79	A3.2	
80	A3.3	
81	A3.4	
82	A4.1	} 21
83	A4.2	
84	A4.3	
85	A4.4	
86	B1.1	} 29
87	B1.2	
88	B1.3	
89	B1.4	
90	B2.1	} 25
91	B2.2	
92	B2.3	
93	B2.4	
94	B3.1	} 30
95	B3.2	
96	B3.3	
97	B3.4	
98	B4.1	} 30
99	B4.2	
00	B4.3	
01	B4.4	
02	Ctop	} 76
03	Cmid	
04	D-1	} 25
05	D-2	
D112706	D-3	

<sup>1/</sup> Stratigraphic designations are those used by Zangerl and Richardson (1963, p. 9, 150, 175).

<sup>2/</sup> The 37 samples were split from a total thickness of about 1 foot of black shale. Most of the individual samples from levels A, B, and D represent layers of shale about 1/4 inch thick.